

DELIVERABLES – 05/03/04

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PRE DESIGN

Project Program

Identify specific project issues and design performance requirements (all information and data gathered should be included in the Project Program identify information source for each item):

- Architectural Program
 - Functional Requirements
 - Functional Relationships (Bubble Diagrams and or Matrices)
 - Square Foot Area Requirements
 - Dimensional Requirements and / or Limitations
 - Unique Design Parameters
 - Interpretative program
- Site Program
 - Functional Requirements
 - Functional Relationships (Bubble Diagrams and or Matrices)
 - Square Foot Area Requirements, parking requirements
 - Dimensional Requirements and / or Limitations
 - Unique Design Parameters
 - Interpretative program
- Site Analysis
 - Identify specific site issues and requirements (all information and data gathered should be included in the Project Program; identify information source for each item) and prepare the Site Analysis (Narrative/graphic format) based on checklist:
 - Topographic Analysis
 - Slope Analysis
 - Analysis of Physical Features
 - Access and Circulation, Traffic and Parking Studies
 - Vegetation
 - Existing Water Bodies
 - Site History
 - History of Existing Structures and Landscape
 - On-site Utility Studies
 - Off-site utility studies
 - Environmental studies and reports
 - Climate Studies
 - Geotechnical/soils
 - Hydrologic studies, watershed modeling studies
 - Project Requirements
 - Existing conditions assessment, hazmat investigation

Environmental Screening Form

- Use [NPS Template](#)

Class C Construction Cost Estimate

- Anticipated square footage and building type
- Anticipated site development including existing and proposed facilities
- Anticipated mechanical and electrical needs (i.e., will the structure be heated and/or cooled?)
- Anticipated structural systems
- Anticipated utility needs (i.e., will the site require leach field or well?)
- Anticipated utility systems
- Class C Construction Cost estimate - may be based on square foot cost or unit cost

Cost Comparability Analysis

- [Cost Comparability Analysis](#) for a minimum of three similar built projects

Document Scope and Cost Variations

- Document all scope and cost variations relative to the PMIS Project Statement and PMIS Class C cost estimate.